Philips Cineos
digital widescreen flat TV
with Pixel Plus 2 HD

37"

LCD integrated digital

CINEOS

37PF7641D

# Turn up your viewing experience

## with Pixel Plus 2 HD

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Pixel Plus 2 HD, the latest LCD technology and table top stand. The Digital Media Reader via USB gives you full access to multimedia content.

### Immersive viewing experience

- Full HD LCD display, 1920x1080p
- Integrated Digital Tuner for DVB-T reception
- HD Ready for the highest quality display of HD signals
- Pixel Plus 2 HD for great details, depth and clarity
- Dynamic contrast enhancer delivering rich black details

### Perfect picture quality from your digital photos

- USB Connector for easy, instant multimedia playing

### For advanced performance

- 2 HDMI inputs for full digital HD connection in one cable

PHILIPS

sense and simplicity

# Highlights

### Full HD LCD display 1920x1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

### Integrated Digital DVB-T tuner

The integrated DVB-T tuner lets you receive Digital Terrestrial TV to watch or record. This means you do not need an additional set top box and also the additional cables.

### HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

### Pixel Plus 2 HD

Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colors and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

### Dynamic contrast enhancer

You want the LCD flat display with the highest contrast and most vibrant images even at wide viewing angle. The Philips dynamic contrast enhancer uses video processing and unique dimming backlight technology. This delivers deep rich black levels with increased detail. The dimming backlight increases the contrast up to 5 times*, and at the same time improves the viewing angle. It gives a bright, lifelike picture with high contrast and vibrant colors, (* factor between 2 and 5, screen type and picture content dependant).

### USB Multimedia Connector

The USB connector allows access to multimedia jpg, mp3 and alb files of most USB-sticks and most digital cameras (USB 1.1 memory-class device). Plug the USB into the slot at the side of the TV and access your photos or music files. This makes you easily viewing and sharing your photos and music.

### 2 HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs you can connect multiple HD sources, for instance an HD settop box, and a Blu-ray player. Your TV is fully prepared for the HD future.

PIXEL PLUS 2 HD · Full HD 1080p DISPLAY · DVB T TERRESTRIAL · HD ready · VIRTUAL DOLBY DIGITAL · 2x HDMI · USB

Digital widescreen flat TV with Pixel Plus 2 HD
37" LCD integrated digital

37PF7641D/10

# Specifications

## Picture/Display
- Aspect ratio: 16:9
- Brightness: 500 cd/m²
- Dynamic screen contrast: 6000:1
- Response time (typical): 8 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 37 inch / 94 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus 2 HD, Digital Natural Motion, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive Scan, Pulse Killer Chip, Widescreen Plus
- Screen enhancement: Anti-Reflection coated screen

## Supported Display Resolution
- Computer formats

| Resolution | Refresh rate |
|---|---|
| 640 x 480 | 60Hz |
| 800 x 600 | 60Hz |
| 1024 x 768 | 60Hz |

- Video Formats

| Resolution | Refresh rate |
|---|---|
| 640 x 480i | 1Fh |
| 640 x 480p | 2Fh |
| 720 x 576i | 1Fh |
| 720 x 576p | 2Fh |
| 1280 x 720p | 3Fh |
| 1920 x 1080i | 2Fh |

## Sound
- Output power (RMS): 2x15W
- Sound Enhancement: Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- Sound System: Virtual Dolby Digital

## Loudspeakers
- Built-in speakers: 4
- Loudspeaker types: Integrated woofers with wOOx, Dome tweeter

## Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Smart Clock
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: 4 favorite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Side Control
- Electronic Program Guide: Now + Next EPG
- Remote Control: Amp, DVD, Sat, STB (Set-Top Box), VCR, Multi-functional
- Remote control type: RC4350
- Screen Format Adjustments: 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen
- Picture in Picture: Text dual screen
- Teletext: 1200 page Hypertext
- Teletext enhancements: Habit Watch, Program information Line
- VESA Mount: Vesa compliant

## Multimedia Applications
- Digital Content Management: Digital Media Reader
- Multimedia connections: USB (streaming video capable)
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2

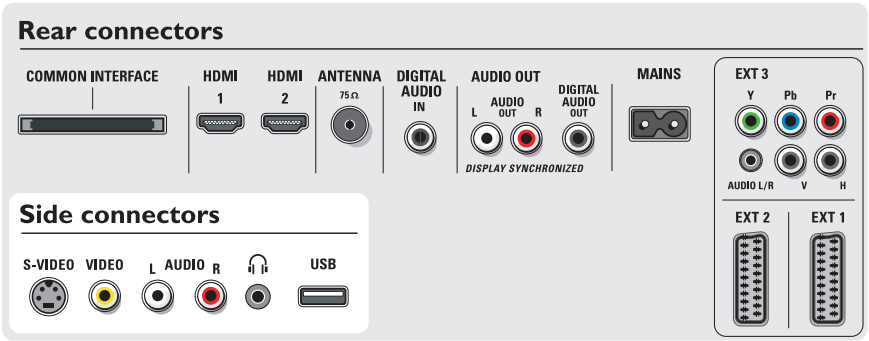
## Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *
- Tuner bands: Hyperband, S-Channel, UHF, VHF

## Connectivity
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB, S-video in, S-video out
- Ext 3: YPbPr, Audio L/R in
- Ext 4: HDMI
- Ext 5: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in, USB
- Other connections: Analog audio Left/Right out, PC-In VGA, S/PDIF in (coaxial), S/PDIF out (coaxial), Common Interface

## Power
- Ambient temperature: 5 °C to 40 °C
- Mains power: AC 220 - 240 V +/- 10%
- Power consumption: 163 W
- Standby power consumption: 1.4W

## Dimensions
- Color cabinet: High Gloss Black
- Set dimensions (W x H x D): 1115 x 617 x 104 mm
- Set dimensions with stand (H x D): 767 x 255 mm
- Product weight: 26 kg
- Box dimensions (W x H x D): 1191 x 830 x 330 mm
- Weight incl. Packaging: 39 kg
- VESA wall mount compatible: 800 x 200 mm

## Accessories
- Included Accessories: Table top stand, RF antenna cable
- Optional accessories: Floor stand

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